

DATE: February 27, 2002

SHEET \_1\_ of \_4

## Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.
		6458.US.O1	09/554,567
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT	
		A. Aguzzi	
		FILING DATE	GROUP
		May 16, 2000	1644
(37 CFR 1.98 (b))			

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TECH CENTER 1600 MAR 29 2000  
FILING DATE

## U.S.PATENT DOCUMENTS

Examiner Initials	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
JAR	A1 US 5,369,119	11/29/94	Herrmann Dieter, et al.			
JAR	A2 US 5,055,290	10/8/91	Bicker Uwe, et al.			
JAR	A3 US 6,183,744	2/6/01	Goldenberg			
	A4					

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLIC-ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION
	B1					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

JAR	C1 ✓	Bendeheim, et al., "Nearly ubiquitous tissue distribution of the scrapie agent precursor protein", <b>Neurology</b> , Vol. 42, Jan. 1992, pp 149-156
	C2 ✓	O'Rourke, et al. "SCID mouse spleen does not support scrapie agent replication", <b>Journal of General Virology</b> , Vol. 75, 1994, pp 1511-1514
	C3 ✓	Cashman, et al., "Cellular isoform of the scrapie agent protein participates in lymphocyte activation", <b>Cell</b> , Vol. 61 Apr 1990, pp 185-192
	C4 ✓	Lasmezas, et al., "Immune system-dependent and independent replication of the scrapie agent", <b>Journal of Virology</b> , Vol. 70, No. 2, Feb 1996, pp 1292-1295
	C5 ✓	Eklund, et al., "Pathogenesis of scrapie virus infection in the mouse", <b>The Journal of Infectious Diseases</b> , Vol. 117, 1967, pp 15-22
	C6 ✓	Blattler, et al., "PrP-expressing tissue required for transfer of scrapie infectivity from spleen to brain", <b>Nature</b> , Vol. 389, Sept 1997, pp 69-73
	C7 ✓	Bueler, et al., "Normal development and behaviour of mice lacking neuronal cell-surface PrP protein", <b>Nature</b> , Vol. 356, Apr 1992, pp 577-582
	C8 ✓	Manuelidis, et al., "Viremia in experimental Creutzfeldt-Jakob disease", <b>Science</b> , Vol. 200, June 1978, pp 1069-1071
JAR	C9 ✓	Hunt, et al., "Monoclonal antibody LRT recognizes murine heat-stable antigen, a marker of antigen-presenting cells and developing hematopoietic cells", <b>International Archives of Allergy and Immunology</b> , Vol. 111, No. 3, Nov. 1996, pp 218-229

EXAMINER

*J. Ross*

DATE CONSIDERED

7/15/02

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	A1						2002

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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	B1						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

DM	C10 ✓	Ermak, et al., "Depletion and repopulation lymphocytes in Peyer's patches of mice after total lymphoid irradiation", <b>Laboratory Investigation</b> , Vol. 59, No. 5, Nov. 1988, pp 591-597
	C11 ✓	Assensi, et al., "In vivo influence of the anti-B220 monoclonal antibody administration of the T cell differentiation in mice", <b>Microbiology and Immunology</b> , Vol. 33, No. 4, 1989, pp 329-339.
	C12 ✓	Bertolini, et al., "A new "two step" procedure for 4.5 log depletion of T and B cells in allogeneic Transplantation and of neoplastic cells in autologous transplantation", <b>Bone Marrow Transplantation</b> , Vol. 19, No. 6, Mar 1996, pp 615-619.
	C13 ✓	Kitamura, et al., "A B cell-deficient mouse by targeted disruption of the membrane exon of the immunoglobulin μ chain gene", <b>Nature</b> , Vol. 350, April 1991, pp 423-426
	C14 ✓	Chemical Abstracts, Pharmacology, Vol. 125, No. 21, Nov. 1996, Abstract No. 265387, Zhuang, Chuangwen: "Sublarge dose dexamethasone combined large dose cyclophosphamide in sudden treatment of severe systemic lupus erythematosus (SLE)", see abstract & <b>Guangdong Yixue</b> (1996), Vol. 17 (7), 472-473
	C15 ✓	Chemical Abstracts, Pharmacology, Vol. 127, No. 12, Sept. 22, 1997, Abstract No. 156275, Celesti, Lidia, et al., "The association of cyclophosphamide and dexamethasone in advanced refractory multiple myeloma patients", see abstract & <b>Haematologia</b> (1997), Vol. 82 (3), 351-353,
	C16 ✓	Pattison, et al., "Distribution of the scrapie agent in the tissues of experimentally inoculated goats", <b>J. Comp. Path.</b> , Vol. 72, 1962, pp 233-244
	C17 ✓	Kimberline, et al., "Pathogenesis of mouse scrapie: Dynamics of agent replication in spleen, spinal cord and brain after infection by different routes", <b>Journal of Comparative Pathology</b> , Vol. 89, No. 4, Oct. 1979, pp 551-562
DM	C18 ✓	Moira E. Bruce, "Agent replication dynamics in a long incubation period model of mouse scrapie", <b>The Journal of General Virology</b> , Vol. 66, 1985, pp 2517-2522

EXAMINER

*J. Rosenthal*

DATE CONSIDERED

7/5/02

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SHEET \_3\_ of \_4

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B1							

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

JWR	C19 ✓	Millson, et al., "Early distribution of radioactive liposomes and scrapie infectivity in mouse tissues following administration by different routes", <b>Veterinary Microbiology</b> , Vol. 4, No. 2, 1979, pp 89-99.
	C20 ✓	Diomede, L, et al., "Activation effects of a prion protein fragment [PrP-(106-126)] on human leucocytes", <b>Biochemical Journal</b> (1996 Dec 1) Vol. 320 (PT2) 563-70
	C21 ✓	Caughey, B., et al., "Detection of prion protein mRNA in normal and scrapie-infected tissues and cell lines", <b>Journal of General Virology</b> (Mar 1998) Vol. 69 (PT 3) 711-6
	C22 ✓	Klein, et al., "A crucial role for B cells in neuroinvasive scrapie", <b>Nature</b> , Vol. 390, 16-18 December 1997, pages 687-690
	C23 ✓	Butler, D., "British study will assess risks of vCJD blood transmission 'news!', <b>Nature</b> (1997 Nov) Vol. 390 (6656) 105
	C24 ✓	Butler, D., "UK accused over risk of CJD in plasma...and latest BSE beef ban 'comes too late' news!", <b>Nature</b> (1997 Dec) Vol. 390 (6660) 541
	C25 ✓	Mabbott, et al., "T Lymphocyte activation and the cellular form of the prion protein, PrP <sup>c</sup> ", <b>Biochem Society Transactions</b> , Vol. 25, No. 2, May 1997 (199705), page 307S
	C26 ✓	Dimopoulos, M.A., et al, "Combination therapy with interferon-dexamethasone for newly diagnosed patients with multiple myeloma", <b>Cancer</b> (1993 Nov 1) Vol. 72 (9), pp 2589-92
	C27 ✓	Berkow, et al., "The Merck Manual, Sixteenth edition", 1991 <b>MERCK RESEARCH LABORATORIES</b> , pp. 1178
	C28 ✓	De Santes, K.B., et al., "Pediatric bone marrow transplantation", <b>Curr Opin Pediatr</b> , (1992) Vol. 4 (1) pp 92-101
JWR	C29 ✓	Takaue, et al., "Depletion of T-Lymphocytes from human bone marrow by the use of counterflow elutriation centrifugation", <b>American Journal of Hematology</b> , Vol. 23, No. 3, Nov. 1986, pp. 247-262

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DATE CONSIDERED

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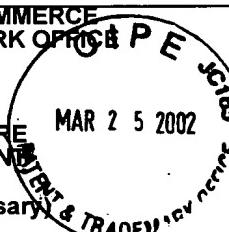
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SHEET \_4\_ of \_4

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## U.S.PATENT DOCUMENTS

Examiner Initials	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	SEARCHED	INDEXED
A1							

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## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLIC-ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES	NO
B1							

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

JUR	C30 ✓	Flanagan, et al., "Prion disease and blood transfusion", <b>Transfusion Medicine</b> , Vol. 6, No. 3, Sept. 1996, pp 213-215
	C31 ✓	Lobo, P I: Human blood B lymphocytes with receptors for sheep erythrocytes—their relevance in techniques to obtain T cells depleted of mature B cells", <b>Journal of Immunological Methods</b> (1984 Nov), 74 (1) pp 105-13.
	C32 ✓	Funderud, S., et al, "Functional properties of CD19+ B lymphocytes positively selected from buffy coats by immunomagnetic separation", <b>European Journal of Immunology</b> (1990 JAN) Vol. 20, (1), pp 201-6.
	C33 ✓	Woldehiwet Z, et al., "Border disease virus antigens in lymphocyte subpopulations in the peripheral blood of persistently infected sheep", <b>Veterinary Immunology and Immunopathology</b> , (1994 Aug) Vol. 42 (2) 127-35
	C34 ✓	Buttke, et al., "Positive selection of mouse B and T lymphocytes and analysis of isolated populations by flow cytometry", <b>Journal of Immunological Methods</b> , Vol. 58, No. 1-2 (March 1983) pp 193-207
	C35 ✓	Reubush, M.J., "Thymus dependence of resistance to infection with babesia-microti of huma origin in mice.", <b>AM J Trop Med Hyg.</b> , (1980) Vol. 29 (4), pp 507-515
	C36 ✓	Shinkai, et al., "RAG-2-deficient mice lack mature lymphocytes owing to the inability to initiate V(D)J rearrangement", <b>CELL</b> , Vol. 68. (March 1992), pp 855-867
	C37 ✓	Mombaerts, et al., "RAG-1 Deficient Mice have no mature B and T Lymphocytes", <b>CELL</b> , Vol. 68, (March 1992), pp 869-877.
	C38 ✓	Vogel Gretchen, "B cells may propagate prions", <b>Science</b> , Vol. 278, (Dec. 1997), pp. 2050
JUR	C39 ✓	Copy of International Search Report mailed on 10 September 1999

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